

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040817 A1

(51) International Patent Classification⁷: G01N 33/68, 33/94

(21) International Application Number: PCT/EP2004/010879

(22) International Filing Date: 27 September 2004 (27.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 03078161.1 9 October 2003 (09.10.2003) EP

(71) Applicant (for all designated States except US): UNIVERSITEIT MAASTRICHT [NL/NL]; Universiteitssingel 50, NL-6200 MD Maastricht (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): PINTO, Yigal, M. [NL/NL]; Burg. van Laarstraat 35, NL-6267 EV Cadier en Keer (NL).

(74) Agents: HOOIVELD, Arjen, Jan, Winfried et al.; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/040817 A1

(54) Title: METHOD FOR IDENTIFYING A SUBJECT AT RISK OF DEVELOPING HEART FAILURE BY DETERMINING THE LEVEL OF GALECTIN-3 OR THROMBOSPONDIN-2

(57) Abstract: The present invention relates to a method for identifying a subject at risk of developing hypertensive end organ damage, such as and in particular heart failure, comprising: a) obtaining a biological sample of said subject; b) determining the level of at least one non-myocytal marker in said sample; c) comparing the level of said marker to a standard level; and d) determining whether the level of the marker is indicative of a risk for developing hypertensive end organ damage. The non-myocytical marker preferably is galectin-3 or thrombospondin-2.